



April Wang

Technical Support Engineer II

"Let the physics of life teach us the life of physics."

## BIO

Being passionate in structures, April has been deeply attracted by the power of simulation technology and finite element theories. Now April is devoted to solve complex mechanical problems, apply innovative simulation methods, and explore engineering challenges.

## GOALS

- Provide solutions
- Experience and participate in the fast development of technology
- Facilitate interdisciplinary study and application by simulation

## Ansys EXPERIENCE

As a technical support engineer, April enjoyed the experiences of interaction with users for various engineering problems. With her academic background in computational mechanics, she was able to provide guidance to customers to diagnose issues, research and find solutions.

## SPECIALTIES

- Non-linear FEA
- Numerical Methods
- Structural Dynamics
- Composite Materials
- Scrum Practitioner

## RESEARCH INTERESTS

- Computational Mechanics Theory
- Meshfree Methods
- Numerical Coupling Methods
- Multi-scale Mechanics



## PROFESSIONAL

### EDUCATION

Doctorate in Civil Engineering,  
Purdue University

Bachelors in Civil Engineering,  
Shanghai University, China

## PERSONAL

### INTERESTS

Gardening, Traveling, Fishing  
Workout

### LANGUAGES

English, Chinese

## COMPETENCIES

### SIMULATION



### ENGINEERING



### LEADERSHIP



Ansys PHYSICS





# Sai Deogekar

## Technical Support Engineer II

"In today's accelerated concept-to-reality world, especially with the rapid evolution of computing technology, modeling and simulation tools have become essential and irreplaceable"

### BIO

Sai has worked in the field of fracture mechanics and failure of materials for the past seven years. Her work included using FEA for studying failure in a variety of materials ranging from brittle ceramics to soft, fibrous materials. She loves challenging herself and learning new technical concepts and tools.

### GOALS

- Empower customers with modeling and simulation knowledge to help them achieve their goals
- Continuous self-improvement and learning through the process of serving customers

### Ansys EXPERIENCE

In the process of creating the training materials, Sai has simulated a variety of industrial processes as well as day-to-day phenomena using Ansys tools. As an active member of the Ansys Student Community, she has helped provide technical solutions to several Ansys users.

### SPECIALTIES

- Non-Linear FEA
- Failure Modeling
- Contact & Material Modeling
- Scrum Practitioner

### RESEARCH INTERESTS

- Fracture Mechanics and Failure Analysis
- Fibrous Materials
- Biomechanics
- Heat Transfer



### PROFESSIONAL

#### EDUCATION

Doctorate in Mechanical Engineering, Rensselaer Polytechnic Institute

Masters in Mechanical Engineering, U. of Cincinnati

Bachelors in Mechanical Engineering, VNIT, India

### PERSONAL

#### INTERESTS

Reading, Running, Travelling

#### LANGUAGES

English, Hindi, Marathi

### COMPETENCIES

#### SIMULATION



#### ENGINEERING



#### LEADERSHIP



#### Ansys PHYSICS







Dragana Jandric

Technical Support Manager

“Innovation is critical, it is a foundation for the growth by introducing new solutions to the customers. More importantly, it creates excitement for your employees and lifts their spirit, creativity, motivation and satisfaction. Ansys innovative culture demonstrates this.”

## BIO

Dragana started her career as a mechanical engineer working on thermal and structural modeling of electronic packaging. Dragana’s expertise is nonlinear analysis, fatigue and optimization. She enjoys helping customers increase productivity and satisfaction using Ansys tools as well as helping the team being successful and happy.

## GOALS

- Encourage using and promoting Ansys to the customers and make them successful
- Developing new skills
- Team Leadership
- Changing the World

## Ansys EXPERIENCE

Dragana has a deep understanding of simulation technology and the Ansys business. With 15 years of using Ansys, she is adept at implementing innovative practice and procedure to improve customers’ productivity and satisfaction with Ansys simulation products.

## SPECIALTIES

- Non-Linear FEA
- Optimization
- Fatigue
- Scrum Practitioner
- Management

## RESEARCH INTERESTS

- Consumer Products and Manufacturing
- Design Optimization
- Organizational Behavior



## PROFESSIONAL

### EDUCATION

Masters in Mechanical Engineering  
SMU Dallas TX

MBA  
UTD Dallas TX

## PERSONAL

### INTERESTS

Reading, Running, Meditation

### LANGUAGES

English, Serbian

## COMPETENCIES

### SIMULATION



### ENGINEERING



### LEADERSHIP



Ansys PHYSICS





John Doyle

Lead Technical Support Engineer

## BIO

John started as a draftsman, working for a small engineering firm. Following his interests and testing his own limits, he eventually earned a Masters in Mechanical Engineering and has enjoyed the privilege of working on some very interesting and challenging engineering projects. John is recognized as a subject matter expert in Structural Nonlinear FEA.

## GOALS

- Keep our customers in the lead.
- Grow and Mature to meet the challenges of life without fear.
- Enjoy the ride as we discover the good in each other and help change the world together.

## Ansys EXPERIENCE

John first experienced the power of Ansys simulation tools as a Project Engineer with the Department of Defense and later in private industry. As a Technical Support Engineer with Ansys for the last 19 years, he now enjoys helping customers to do the same through technical support and training.

## SPECIALTIES

- Non-Linear FEA
- Contact & Material Modeling
- Topology Optimization
- Additive Manufacturing
- Scrum Practitioner

## INDUSTRY INTERESTS

- Injection Molding Machines
- ASME Pressure Vessel Designs (Section VIII-Div. I and Div.II)
- Military Aircraft Catapult and Arresting Gear



## PROFESSIONAL

### EDUCATION

Masters in Mechanical Engineering, Drexel University

Bachelors in Mechanical Engineering, Drexel University

Associates in Engineering Science  
Mercer County Community College

## PERSONAL

### INTERESTS

STEM, Woodworking, Gardening

### LANGUAGES

English

## COMPETENCIES

### SIMULATION



### ENGINEERING



### LEADERSHIP



### Ansys PHYSICS



"There is an order and purpose to this Universe. It is not random. It is not chaotic. Given enough information, we can predict cause and effect of many physical phenomenon. Ansys Simulation tools demonstrate this."